

## EAST Search History

| Ref # | Hits  | Search Query                                     | DBs                             | Default Operator | Plurals | Time Stamp          |
|-------|-------|--|---------------------------------|------------------|---------|---------------------|
| L1    | 43157 | :lithium with battery                            | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ              | ON      | 2008/09/09<br>07:58 |
| L2    | 214   | :1 and ceramic near4 separator                   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ              | ON      | 2008/09/09<br>08:00 |
| L3    | 133   | :2 and (@ad<= "20041206" or<br>@pd<= "20041206") | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ              | ON      | 2008/09/09<br>08:01 |
| L4    | 11    | "4039729"  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ              | ON      | 2008/09/09<br>08:04 |
| L5    | 33    | current collector with foil and<br>microgrid     | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ              | ON      | 2008/09/09<br>08:13 |
| L6    | 26    | :1 and 5   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ              | ON      | 2008/09/09<br>08:13 |
| L7    | 24    | :6 and (@ad<= "20041206" or<br>@pd<= "20041206") | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ              | ON      | 2008/09/09<br>08:13 |
| L8    | 3     | ("5554459" or "6387565" or<br>"7351494").pn.     | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ              | ON      | 2008/09/09<br>08:17 |
| L9    | 1     | :8 and (housing or enclosure<br>or terminal)     | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ              | ON      | 2008/09/09<br>08:18 |
| L10   | 2     | :8 and (case)                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ              | ON      | 2008/09/09<br>08:22 |
| L11   | 0     | 10/516986.                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ              | ON      | 2008/09/09<br>08:23 |
| L12   | 1     | 10/516986  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ              | ON      | 2008/09/09<br>08:23 |
| L13   | 1     | :12 and moisture                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ              | ON      | 2008/09/09<br>08:23 |
| L14   | 29    | moisture proof same terminals<br>and "429".clas. | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ              | ON      | 2008/09/09<br>08:24 |
| L15   | 0     | "7351494".pn. and binder                         | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ              | ON      | 2008/09/09<br>09:18 |

|     |     |  |                                 |     |    |                     |
|-----|-----|--|---------------------------------|-----|----|---------------------|
| L16 | 12  | :3 and lithium fluoride                            | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/09/09<br>09:21 |
| L17 | 1   | (US-20060019169-\$).did.                           | US-PGPUB                        | ADJ | ON | 2008/09/09<br>09:24 |
| L18 | 1   | (US-20060019169-\$).did.                           | DERWENT                         | ADJ | ON | 2008/09/09<br>09:25 |
| L19 | 1   | "7087348".pn.                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/09/09<br>09:28 |
| L20 | 79  | :2 and (@ad<="20020608" or<br>:@pd<="20020608")    | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/09/09<br>09:31 |
| L21 | 0   | "3625771".pn. and lithium                          | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/09/09<br>09:42 |
| L22 | 1   | (US-3861963-\$).did.                               | USPAT                           | ADJ | ON | 2008/09/09<br>09:42 |
| L23 | 1   | :22 and lithium                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/09/09<br>09:42 |
| L24 | 12  | :lithium cupric chloride                           | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/09/09<br>09:43 |
| L25 | 30  | :lithium near5 cupric chloride                     | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/09/09<br>09:43 |
| L26 | 146 | :lithium near5 copper chloride                     | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/09/09<br>09:44 |
| L27 | 1   | "6387565".pn. and (electrolyte<br>or electrolytic) | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/09/09<br>10:48 |
| L28 | 378 | :lif with "al.sub.2" "o.sub.3"                     | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/09/09<br>11:05 |
| L29 | 8   | :28 and "429".clas.                                | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/09/09<br>11:05 |
| L30 | 7   | :29 and (@ad<="20020608" or<br>:@pd<="20020608")   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/09/09<br>11:06 |
| L31 | 9   | :lif same "al.sub.2" "o.sub.3"<br>and "429".clas.  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/09/09<br>11:12 |
| L32 | 18  | :lif same "al.sub.2" "o.sub.3"<br>and "429".clas.  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/09/09<br>11:12 |
| L33 | 992 | (lithium fluoride or LiF) and<br>"429".clas.       | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/09/09<br>11:16 |

|     |      |  |                           |     |    |                  |
|-----|------|--|---------------------------|-----|----|------------------|
| L34 | 32   | (lithium fluoride or LiF) with separator and "429".clas.     | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/09/09 11:19 |
| L35 | 1    | "5824120".pn. and separator                                  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/09/09 12:22 |
| L36 | 327  | PVDF near4 HFP near4 copolymer and "429".clas.               | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/09/09 12:23 |
| L37 | 8    | PVDF near4 HFP near4 copolymer same adhesive and "429".clas. | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/09/09 12:24 |
| L38 | 1    | (US-20020110732-\$).did.                                     | US-PGPUB                  | ADJ | ON | 2008/09/09 12:35 |
| L39 | 0    | 38 and dimethoxyethane                                       | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/09/09 12:35 |
| L40 | 1    | "6387565".pn. and (porous or nonporous)                      | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/09/09 13:07 |
| L41 | 1    | 10/516986  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/09/09 13:10 |
| L42 | 0    | 41 and nonporous   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/09/09 13:10 |
| L43 | 0    | 41 and non-porous  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/09/09 13:10 |
| S1  | 4    | "6387565"  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 08:25 |
| S2  | 1    | 10/516986  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 08:31 |
| S3  | 1    | S2 and microgrid   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 08:31 |
| S4  | 3    | S1 and fluoride  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 08:33 |
| S5  | 1    | S2 and aprotic   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 08:35 |
| S6  | 7015 | lithium fluoride   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 08:41 |
| S7  | 407  | S6 with particles  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 08:41 |

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|-----|------|---------------------------------|---------------------------------|-----|----|---------------------|
| S8  | 1    | S7 same separator               | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>08:41 |
| S9  | 16   | S6 with separator               | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>08:42 |
| S10 | 1433 | inorganic fluoride              | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>08:44 |
| S11 | 0    | S10 with separator              | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>08:44 |
| S12 | 1    | S10 same separator              | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>08:44 |
| S13 | 3363 | inorganic near4 fluoride        | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>08:44 |
| S14 | 6    | S13 with separator              | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>08:45 |
| S15 | 4581 | fluoride with alumina           | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>08:46 |
| S16 | 392  | S15 and separator               | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>08:46 |
| S17 | 20   | S15 with separator              | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>08:46 |
| S18 | 1127 | fluoride with separator         | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>08:50 |
| S19 | 704  | S18 and battery                 | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>08:52 |
| S20 | 246  | fluoride near4 separator        | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>08:58 |
| S21 | 156  | S20 and battery                 | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>08:59 |
| S22 | 142  | S21 and @ad<="20041206"         | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>08:59 |
| S23 | 73   | S22 not PVDF                    | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>09:07 |
| S24 | 39   | S23 not polyvinylidene fluoride | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>09:07 |

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|-----|-------|--|---------------------------------|-----|----|---------------------|
| S25 | 529   | S18 not polyvinylidene fluoride  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>09:15 |
| S26 | 496   | S25 and @ad<= "20041206"   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>09:15 |
| S27 | 181   | S26 and "429".clas.  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>09:18 |
| S28 | 193   | lithium fluoride with alumina  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>09:21 |
| S29 | 6     | S28 and separator  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>09:21 |
| S30 | 136   | S27 not PVDF   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>09:22 |
| S31 | 1     | S2 and fluoride  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>09:26 |
| S32 | 0     | ((lithium fluoride or LiF) or<br>(magnesium fluoride)) with<br>seperator | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>09:27 |
| S33 | 0     | ((lithium fluoride or LiF) or<br>(magnesium fluoride)) same<br>seperator | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>09:28 |
| S34 | 0     | (lithium fluoride or LiF) same<br>seperator                              | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>09:28 |
| S35 | 48    | ((lithium fluoride or LiF) or<br>(magnesium fluoride)) with<br>separator | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>09:28 |
| S36 | 1     | S2 and aprotic   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>09:31 |
| S37 | 43396 | aprotic  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>09:35 |
| S38 | 7     | aprotic with adhesive and<br>battery                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>09:36 |
| S39 | 1     | S2 and capacitor   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>09:39 |
| S40 | 1     | S38 and capacitor  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>09:41 |
| S41 | 4124  | separator and battery and<br>capacitor                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>09:44 |

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|-----|-------|--|---------------------------|-----|----|------------------|
| S42 | 6     | (US-20020182512-\$).did. or (US-6387565-\$ or US-5534367-\$ or US-6682854-\$ or US-6544691-\$ or US-7279251-\$).did. | US-PGPUB; USPAT           | ADJ | ON | 2008/01/14 09:45 |
| S43 | 0     | S42 and capacitor  | US-PGPUB; USPAT           | ADJ | ON | 2008/01/14 09:45 |
| S44 | 11    | "battery or capacitor"   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 09:56 |
| S45 | 15209 | battery near3 capacitor  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 09:57 |
| S46 | 0     | battery with capacitor with also with used   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 09:58 |
| S47 | 4494  | battery with capacitor with used   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 09:58 |
| S48 | 580   | battery with ultracapacitor  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 10:00 |
| S49 | 4     | battery with ultracapacitor with separator   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 10:00 |
| S50 | 580   | battery with ultracapacitor  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 10:02 |
| S51 | 164   | S50 and separator  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 10:02 |
| S52 | 49    | S51 and adhesive   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 10:02 |
| S53 | 31    | S52 and @ad<= "20041206"   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 10:02 |
| S54 | 1     | S2 and smaller   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 10:57 |
| S55 | 1     | "6387565".pn. and porous   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 11:22 |
| S56 | 1     | "6387565".pn. and separator  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 11:37 |
| S57 | 1     | S2 and ceramic   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 11:38 |
| S58 | 0     | "6387565".pn. and enclosure  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/14 12:21 |

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|-----|-----|--|---------------------------------|-----|----|---------------------|
| S59 | 1   | "6387565".pn. and case                   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>12:21 |
| S60 | 126 | ceramic separator and "429".<br>clas.    | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>12:39 |
| S61 | 100 | S60 and @ad<= "20041206"                 | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>12:42 |
| S62 | 8   | S61 and adhesive                         | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>12:43 |
| S63 | 69  | S61 and porous with<br>separator         | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>12:44 |
| S64 | 0   | "6387565".pn. and HFP                    | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>13:06 |
| S65 | 1   | "6387565".pn. and electrolyte            | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>13:08 |
| S66 | 1   | S2 and electrolyte same<br>binder        | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>13:12 |
| S67 | 0   | "6387565".pn. and (bicell or<br>bi-cell) | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>13:20 |
| S68 | 0   | S2 and bicell                            | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>13:21 |
| S69 | 1   | S2 and bi-cell                           | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>13:21 |
| S70 | 0   | "3625771" and (bi-cell or<br>bicell)     | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>13:22 |
| S71 | 1   | S2 and different solvent                 | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>13:42 |
| S72 | 1   | S2 and separator with binder             | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>13:54 |
| S73 | 10  | "3625771" and alumina                    | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>13:57 |
| S74 | 1   | "3625771".pn. and alumina                | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>13:57 |
| S75 | 1   | S2 and solvent                           | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>14:11 |

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|-----|---|--|---------------------------------|-----|----|---------------------|
| S76 | 1 | "6387565".pn. and smaller  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>14:16 |
| S77 | 1 | "6387565".pn. and electrode<br>near 4 size   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>14:17 |
| S78 | 1 | "3625771".pn. and fluoride   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>14:21 |
| S79 | 7 | (US-20020182512-\$ or US-<br>20020012224-\$).did. or (US-<br>6387565-\$ or US-5534367-\$<br>or US-6682854-\$ or US-<br>6544691-\$ or US-7279251-\$).<br>did. | US-PGPUB;<br>USPAT              | ADJ | ON | 2008/01/14<br>15:03 |
| S80 | 2 | S79 and lithium fluoride   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>15:03 |
| S81 | 0 | S79 and (lithium fluoride same<br>alumina)   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>15:06 |
| S82 | 3 | S79 and LiF  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>15:06 |
| S83 | 1 | (US-7279251-\$).did.   | USPAT                           | ADJ | ON | 2008/01/14<br>15:27 |
| S84 | 0 | S83 and powder   | USPAT                           | ADJ | ON | 2008/01/14<br>15:28 |
| S85 | 0 | S83 and particles  | USPAT                           | ADJ | ON | 2008/01/14<br>15:28 |
| S86 | 1 | S83 and filling agent  | USPAT                           | ADJ | ON | 2008/01/14<br>15:28 |
| S87 | 0 | S2 and fluoride  | USPAT                           | ADJ | ON | 2008/01/14<br>15:31 |
| S88 | 0 | 10/516986 and fluoride   | USPAT                           | ADJ | ON | 2008/01/14<br>15:31 |
| S89 | 1 | 10/516986 and fluoride   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>15:32 |
| S90 | 0 | 2001/0008726 and hfp   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>15:49 |
| S91 | 0 | 2001/0008726 and copolymer   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>15:50 |
| S92 | 0 | 2001/0008726 and co-polymer  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>15:50 |
| S93 | 0 | 2001/0008726   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>15:50 |

|      |      |                                      |                                 |     |    |                     |
|------|------|--------------------------------------|---------------------------------|-----|----|---------------------|
| S94  | 1    | "20010008726"                        | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>15:50 |
| S95  | 0    | "20010008726" and hfp                | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>15:50 |
| S96  | 0    | "20010008726" and copolymer          | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>15:50 |
| S97  | 178  | pvdf/hfp                             | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>15:50 |
| S98  | 19   | S97 and separator and adhesive       | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>15:51 |
| S99  | 8    | S98 and aprotic                      | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>15:51 |
| S100 | 1    | "5824120".pn. and separator          | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>16:00 |
| S101 | 300  | pvdf-hfp                             | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>16:30 |
| S102 | 8    | S10 and separator and adhesive       | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>16:30 |
| S103 | 61   | S101 and separator and adhesive      | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>16:30 |
| S104 | 11   | S103 and aprotic                     | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>16:30 |
| S105 | 1    | 10/516986 and hfp                    | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>16:41 |
| S106 | 11   | adhesive same (pvdf-hfp or pvdf/hfp) | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/14<br>16:52 |
| S107 | 271  | bicell                               | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/15<br>07:41 |
| S108 | 33   | "6063519"                            | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/15<br>07:42 |
| S109 | 3490 | catholyte and anolyte                | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/15<br>09:09 |
| S110 | 3093 | catholyte with anolyte               | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/15<br>09:10 |

|      |       |   |                           |     |    |                  |
|------|-------|---|---------------------------|-----|----|------------------|
| S111 | 508   | catholyte with anolyte and battery        | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/15 09:10 |
| S112 | 99    | S111 and sulfonic                         | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/15 09:10 |
| S113 | 1     | 10/518041                                 | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/15 10:02 |
| S114 | 1     | S113 and static                           | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/15 10:02 |
| S115 | 4     | ("6387565" or "3625771" or "7279251").pn. | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 07:33 |
| S116 | 0     | S115 and (capacitor or bi-cell or bicell) | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 07:33 |
| S117 | 4     | bicell.ti.                                | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 07:36 |
| S118 | 12    | bi-cell.ti.                               | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 07:38 |
| S119 | 783   | bicell or bi-cell                         | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 07:39 |
| S120 | 292   | S119 and battery                          | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 07:39 |
| S121 | 30175 | battery with capacitor                    | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 07:44 |
| S122 | 6987  | battery near capacitor                    | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 07:44 |
| S123 | 1063  | S122 with used                            | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 07:44 |
| S124 | 208   | S123 and adhesive                         | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 07:47 |
| S125 | 215   | S123 and "429".clas.                      | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 07:57 |
| S126 | 148   | S125 and lithium                          | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 07:58 |
| S127 | 527   | battery adj8 used adj8 capacitor          | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 08:19 |

|      |      |   |                                 |     |    |                     |
|------|------|---|---------------------------------|-----|----|---------------------|
| S128 | 0    | S127 and "429.clas"   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>08:20 |
| S129 | 50   | S127 and "429".clas.  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>08:20 |
| S130 | 19   | S129 and @ad<="20020608"  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>09:10 |
| S131 | 12   | battery adj8 used adj8<br>supercapacitor                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>09:13 |
| S132 | 881  | battery with supercapacitor   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>09:14 |
| S133 | 255  | S132 and "429".clas.  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>09:15 |
| S134 | 0    | S115 amd alumina  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>09:56 |
| S135 | 2    | S115 and alumina  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>09:56 |
| S136 | 6209 | N-methylpyrrolidinone   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>10:01 |
| S137 | 906  | S136 and alumina  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>10:01 |
| S138 | 36   | S136 same alumina   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>10:01 |
| S139 | 188  | S137 and electrode  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>10:15 |
| S140 | 33   | S139 and "429".clas. and<br>@ad<="20020608"                               | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>10:16 |
| S141 | 0    | S115 and S136   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>10:28 |
| S142 | 1    | S115 and polyvinylidene   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>10:28 |
| S143 | 5    | ("5346788" or "5362581" or<br>"6447958" or "7279251" or<br>"7115339").pn. | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>10:58 |
| S144 | 4    | S143 and (alumina or "al.<br>sub.2" "o.sub.3")                            | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>11:25 |

|      |   |   |                                 |     |    |                     |
|------|---|---|---------------------------------|-----|----|---------------------|
| S145 | 1 | (US-5346788-\$).did.  | USPAT                           | ADJ | ON | 2008/01/29<br>11:31 |
| S146 | 1 | S145 and alumina  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>11:31 |
| S147 | 0 | S146 and N-methylpyrrolidinone  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>11:31 |
| S148 | 0 | S146 and methylpyrrolidinone  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>11:31 |
| S149 | 0 | S146 and polyvinylidene   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>11:32 |
| S150 | 0 | S146 and PVDF   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>11:32 |
| S151 | 5 | S143 and pyrrolidone  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>11:39 |
| S152 | 0 | S151 and polyvinylidene   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>11:39 |
| S153 | 2 | S151 and polyvinylidene   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>11:40 |
| S154 | 2 | S153 and alumina  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>11:40 |
| S155 | 5 | ("20020076619"   "20050014063"   "5882721"   "5948464"   "6846594").PN. | US-PGPUB;<br>USPAT; USOCR       | ADJ | ON | 2008/01/29<br>11:46 |
| S156 | 3 | S155 and @ad<="20020608"  | US-PGPUB;<br>USPAT; USOCR       | ADJ | ON | 2008/01/29<br>11:46 |
| S157 | 4 | S151 and @ad<="20020608"  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>11:48 |
| S158 | 1 | (US-5346788-\$).did.  | USPAT                           | ADJ | ON | 2008/01/29<br>11:49 |
| S159 | 0 | S158 and pvdf   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>11:50 |
| S160 | 0 | S158 and polyvinylidene   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>11:50 |
| S161 | 1 | S158 and alumina  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>11:50 |
| S162 | 1 | S158 and poly   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/01/29<br>11:51 |

|      |     |  |                           |     |    |                  |
|------|-----|--|---------------------------|-----|----|------------------|
| S163 | 1   | S161 and S162 and pyrrolidone                                    | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 11:53 |
| S164 | 1   | (US-5346788-\$).did.   | USPAT                     | ADJ | ON | 2008/01/29 11:56 |
| S165 | 1   | S164 and filler  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 11:56 |
| S166 | 1   | (US-6447958-\$).did.   | USPAT                     | ADJ | ON | 2008/01/29 12:06 |
| S167 | 1   | S166 and pyrrolidone   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 12:06 |
| S168 | 1   | S166 and pyrrolidone and NMP                                     | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 12:08 |
| S169 | 1   | (US-5362581-\$).did.   | USPAT                     | ADJ | ON | 2008/01/29 12:09 |
| S170 | 1   | S169 and pyrrolidone   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 12:10 |
| S171 | 457 | NMP and polyvinylidene and alumina                               | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 12:11 |
| S172 | 26  | S171 and material paste  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 12:12 |
| S173 | 3   | S172 and @ad<="20020608"   | US-PGPUB; USPAT; USOCR    | ADJ | ON | 2008/01/29 12:12 |
| S174 | 0   | "2004166907".pn.   | US-PGPUB; USPAT; USOCR    | ADJ | ON | 2008/01/29 12:14 |
| S175 | 0   | "2004166907"   | US-PGPUB; USPAT; USOCR    | ADJ | ON | 2008/01/29 12:14 |
| S176 | 0   | "2004166407"   | US-PGPUB; USPAT; USOCR    | ADJ | ON | 2008/01/29 12:14 |
| S177 | 1   | "20040166907"  | US-PGPUB; USPAT; USOCR    | ADJ | ON | 2008/01/29 12:14 |
| S178 | 2   | "20040166407"  | US-PGPUB; USPAT; USOCR    | ADJ | ON | 2008/01/29 12:15 |
| S179 | 22  | NMP same polyvinylidene same alumina                             | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 12:16 |
| S180 | 10  | S179 and @ad<="20020608"   | US-PGPUB; USPAT; USOCR    | ADJ | ON | 2008/01/29 12:16 |
| S181 | 179 | pyrrolidone same polyvinylidene same (alumina or aluminum oxide) | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 13:01 |
| S182 | 31  | S181 and @ad<="20020608"   | US-PGPUB; USPAT; USOCR    | ADJ | ON | 2008/01/29 13:01 |
| S183 | 8   | polyvinyl alcohol with lithium fluoride                          | US-PGPUB; USPAT; USOCR    | ADJ | ON | 2008/01/29 14:03 |

|      |        |   |                           |     |    |                  |
|------|--------|---|---------------------------|-----|----|------------------|
| S184 | 31     | polyvinyl alcohol same lithium fluoride                                       | US-PGPUB; USPAT; USOCR    | ADJ | ON | 2008/01/29 14:04 |
| S185 | 9      | S184 and @ad<="20020608"  | US-PGPUB; USPAT; USOCR    | ADJ | ON | 2008/01/29 14:05 |
| S188 | 0      | "CN-1773763"  | DERWENT                   | ADJ | ON | 2008/01/29 14:20 |
| S190 | 10     | (LiF or lithium fluoride) same (PVOH or polyvinyl alcohol)                    | DERWENT                   | ADJ | ON | 2008/01/29 14:31 |
| S193 | 6      | ceramic coating and (LiF or lithium fluoride) and (polyvinyl alcohol or PVOH) | US-PGPUB; USPAT; JPO      | ADJ | ON | 2008/01/29 15:14 |
| S194 | 259    | ceramic separator   | US-PGPUB; USPAT; JPO      | ADJ | ON | 2008/01/29 15:16 |
| S195 | 155    | S194 and (electrochemical or battery)   | US-PGPUB; USPAT; JPO      | ADJ | ON | 2008/01/29 15:16 |
| S196 | 1      | S195  | JPO                       | ADJ | ON | 2008/01/29 15:16 |
| S197 | 0      | S195 and @ad<="20020608"  | JPO                       | ADJ | ON | 2008/01/29 15:16 |
| S198 | 88     | S195 and @ad<="20020608"  | US-PGPUB; USPAT; JPO      | ADJ | ON | 2008/01/29 15:17 |
| S199 | 42     | S198 and coating  | US-PGPUB; USPAT; JPO      | ADJ | ON | 2008/01/29 15:53 |
| S200 | 334186 | S199 and (lithium fluoride or LiF) or (alumina or aluminum oxide)             | US-PGPUB; USPAT; JPO      | ADJ | ON | 2008/01/29 16:02 |
| S201 | 23     | S199 and ((lithium fluoride or LiF) or (alumina or aluminum oxide))           | US-PGPUB; USPAT; JPO      | ADJ | ON | 2008/01/29 16:02 |
| S202 | 137873 | polyvinyl alcohol   | US-PGPUB; USPAT; JPO      | ADJ | ON | 2008/01/29 16:09 |
| S203 | 138381 | polyvinyl alcohol or PVOH   | US-PGPUB; USPAT; JPO      | ADJ | ON | 2008/01/29 16:09 |
| S204 | 21336  | lithium fluoride or lif   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 16:10 |
| S205 | 2730   | S203 and S204   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 16:10 |
| S206 | 555    | S205 and (battery or electrochemical) and (membrane or separator)             | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/29 16:11 |
| S207 | 360    | S206 and @ad<="20020608"  | US-PGPUB; USPAT; JPO      | ADJ | ON | 2008/01/29 16:12 |
| S208 | 339    | S207 and coating  | US-PGPUB; USPAT; JPO      | ADJ | ON | 2008/01/29 16:30 |
| S209 | 225    | S208 and electrode  | US-PGPUB; USPAT; JPO      | ADJ | ON | 2008/01/29 16:31 |
| S210 | 25     | S208 and "429".clas.  | US-PGPUB; USPAT; JPO      | ADJ | ON | 2008/01/29 16:31 |

|      |       |  |                           |     |    |                  |
|------|-------|--|---------------------------|-----|----|------------------|
| S211 | 24905 | (alumina or aluminum oxide) and (membrane or separator) and (battery or cell)              | US-PGPUB; USPAT; JPO      | ADJ | ON | 2008/01/30 07:50 |
| S212 | 2746  | (alumina or aluminum oxide) with (membrane or separator) and (battery or cell)             | US-PGPUB; USPAT; JPO      | ADJ | ON | 2008/01/30 07:56 |
| S213 | 1935  | (alumina or aluminum oxide) with (membrane or separator) and (battery or cell) and polymer | US-PGPUB; USPAT; JPO      | ADJ | ON | 2008/01/30 07:56 |
| S214 | 148   | (alumina or aluminum oxide) with (membrane or separator) and (battery or cell) and NMP     | US-PGPUB; USPAT; JPO      | ADJ | ON | 2008/01/30 07:57 |
| S215 | 67    | S214 and @ad<= "20020608"  | US-PGPUB; USPAT; JPO      | ADJ | ON | 2008/01/30 08:02 |
| S216 | 0     | (alumina or aluminum oxide) with (membrane or separator) and (battery or cell) and NMP     | JPO                       | ADJ | ON | 2008/01/30 08:02 |
| S217 | 1489  | pyrrolid\$6 with polyvinyl with alumina  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/30 08:35 |
| S218 | 2     | S217 and "429".clas.   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/30 08:35 |
| S219 | 5     | ("20020076619"   "20050014063"   "5882721"   "5948464"   "6846594").PN.                    | US-PGPUB; USPAT; USOCR    | ADJ | ON | 2008/01/30 08:35 |
| S220 | 5     | ("20020076619"   "20050014063"   "5882721"   "5948464"   "6846594").PN.                    | US-PGPUB; USPAT; USOCR    | ADJ | ON | 2008/01/30 08:38 |
| S221 | 3     | S220 and alumina   | US-PGPUB; USPAT; USOCR    | ADJ | ON | 2008/01/30 08:38 |
| S222 | 3     | S221 and polyvinylidene  | US-PGPUB; USPAT; USOCR    | ADJ | ON | 2008/01/30 08:38 |
| S223 | 0     | S222 and pyrrolid\$6   | US-PGPUB; USPAT; USOCR    | ADJ | ON | 2008/01/30 08:39 |
| S224 | 809   | lithium and battery with double near3 capacitor  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/31 16:22 |
| S225 | 338   | S224 and @ad<= "20020608"  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/31 16:22 |
| S226 | 737   | lithium and battery with (supercapacitor or super capacitor)                               | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/31 16:31 |
| S227 | 294   | S226 and @ad<= "20020608"  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/01/31 16:31 |
| S228 | 54140 | transparent electrode  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/02/01 09:50 |

|      |      |   |                                 |     |    |                     |
|------|------|---|---------------------------------|-----|----|---------------------|
| S229 | 150  | S228 and "429".clas.  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/02/01<br>09:51 |
| S230 | 45   | S229 and electrochromic                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/02/01<br>09:53 |
| S231 | 2412 | :electrochromic.clm.  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/02/01<br>14:50 |
| S232 | 607  | "electrochromic device".clm.                                | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/02/01<br>14:50 |
| S233 | 1    | "5,678,809".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/02/04<br>08:17 |
| S234 | 1    | 10/516986   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/02/06<br>07:41 |
| S235 | 1    | S234 and microgrid  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/02/06<br>07:41 |
| S236 | 22   | microgrid and "429".clas.                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/02/06<br>07:42 |
| S237 | 4827 | kejha.in. or (smith.in. with w.<br>.in.) or "mcclloskey.in" | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/02/11<br>11:41 |
| S238 | 81   | S237 and electrochemical                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/02/11<br>11:42 |
| S239 | 22   | S238 and separator  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/02/11<br>11:42 |
| S240 | 4827 | kejha.in. or (smith.in. with w.<br>.in.) or "mcclloskey.in" | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/02/11<br>11:57 |
| S241 | 81   | S240 and electrochemical                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/02/11<br>11:57 |
| S242 | 22   | S241 and separator  | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/02/11<br>11:57 |
| S243 | 11   | S242 and (dimethoxyethane<br>or polyvinylidene or PVDF)     | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/02/11<br>11:57 |
| S244 | 6    | S243 and @ad<="20020608"                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/02/11<br>11:58 |
| S245 | 3366 | dimethoxyethane and "429".<br>clas.                         | US-PGPUB;<br>USPAT; EPO;<br>JPO | ADJ | ON | 2008/02/11<br>11:59 |

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| S246 | 188  | dimethoxyethane with separator and "429".clas.  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/02/11 12:00 |
| S247 | 166  | S246 and @ad<= "20020608"   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/02/11 12:01 |
| S248 | 1    | dimethoxyethane with (PVDF or polyvinyl\$5) with separator and "429".clas.  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/02/11 12:03 |
| S249 | 793  | adhesive with separator and "429".clas.   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/02/11 12:07 |
| S250 | 100  | S249 and adhesive with (dimethoxyethane or PVDF or polyvinyl\$6)  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/02/11 12:13 |
| S251 | 2    | S249 and adhesive with (dimethoxyethane and (PVDF or polyvinyl\$6))   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/02/11 12:16 |
| S252 | 3    | S249 and adhesive with (dimethoxyethane)  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/02/11 12:21 |
| S253 | 0    | NMP with dimethoxyethane  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/02/11 12:24 |
| S254 | 2    | NMP with dimethoxyethane same adhesive  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/02/11 12:24 |
| S255 | 5390 | adhesive and "429".clas.  | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/02/11 12:31 |
| S256 | 1    | adhesive with lipf\$3   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/02/11 12:32 |
| S257 | 2870 | adhesive with electrolyte   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/02/11 12:32 |
| S258 | 853  | S255 and S257   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/02/11 12:33 |
| S259 | 504  | S258 and @ad<= "20020608"   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/02/11 12:34 |
| S260 | 33   | S259 and adhesive same pvdf   | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2008/02/11 12:35 |
| S261 | 12   | ("4220693"   "5498489"   "5512389"   "5741609"   "5981107"   "6024773"   "6051342"   "6120940"   "6124061"   "6136471"   "6232014"   "6235066").PN. | US-PGPUB; USPAT; USOCR    | ADJ | ON | 2008/02/11 12:39 |

|      |       |   |  |     |    |                     |
|------|-------|---|--|-----|----|---------------------|
| S262 | 11    | S261 and adhesive                               | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON | 2008/02/11<br>12:39 |
| S263 | 1     | adhesive with lipf\$3 and "429".clas.           | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON | 2008/02/11<br>12:42 |
| S264 | 4     | adhesive same lipf\$3 and "429".clas.           | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON | 2008/02/11<br>12:43 |
| S265 | 104   | monoglyme and "429".clas.                       | US-PGPUB;<br>USPAT; EPO;<br>JPO          | ADJ | ON | 2008/02/11<br>13:07 |
| S266 | 60    | S265 and @ad<="20020608"                        | US-PGPUB;<br>USPAT; EPO;<br>JPO          | ADJ | ON | 2008/02/11<br>13:07 |
| S267 | 0     | monoglyme with adhesive and "429".clas.         | US-PGPUB;<br>USPAT; EPO;<br>JPO          | ADJ | ON | 2008/02/11<br>13:08 |
| S268 | 42298 | lithium with battery                            | US-PGPUB;<br>USPAT; EPO;<br>JPO          | ADJ | ON | 2008/07/01<br>14:54 |
| S269 | 713   | S268 and inorganic with (separator or membrane) | US-PGPUB;<br>USPAT; EPO;<br>JPO          | ADJ | ON | 2008/07/01<br>14:56 |
| S270 | 1     | "6387565".pn. and separator                     | US-PGPUB;<br>USPAT; EPO;<br>JPO          | ADJ | ON | 2008/07/01<br>15:00 |
| S271 | 255   | S269 and (@ad<="20020608" or @pd<="20020608")   | US-PGPUB;<br>USPAT; EPO;<br>JPO          | ADJ | ON | 2008/07/01<br>15:04 |
| S272 | 46    | S271 and separator with (adhesive or resin)     | US-PGPUB;<br>USPAT; EPO;<br>JPO          | ADJ | ON | 2008/07/01<br>15:04 |
| S273 | 2     | 241655/1998                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON | 2008/07/01<br>15:15 |
| S274 | 3     | "10241655"                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON | 2008/07/01<br>15:16 |

9/9/2008 1:38:39 PM

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